

LNA input impedance = $g_m L_{3,4} / C_{P1,2}$

FIG. 1
prior art LNA

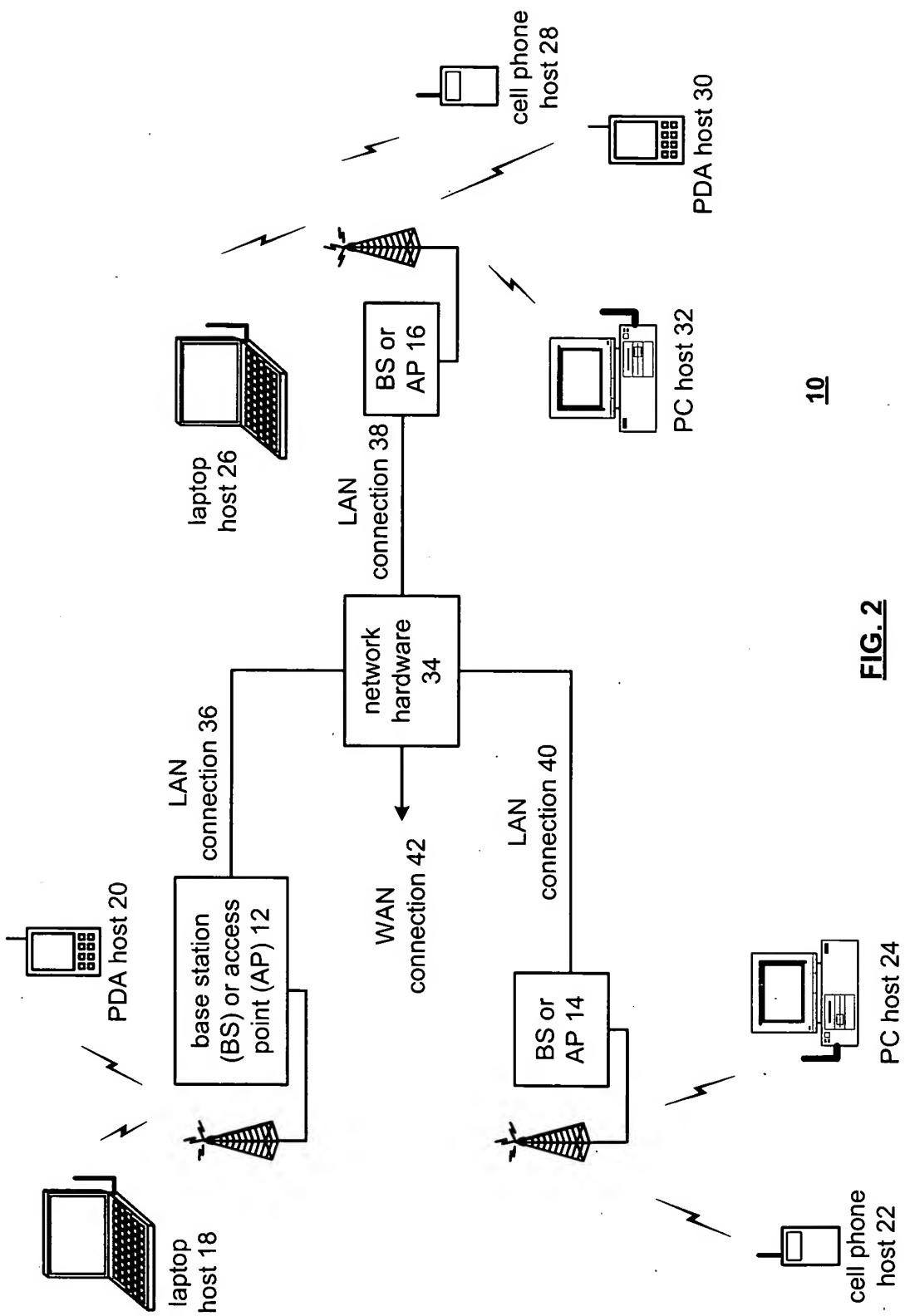


FIG. 2

10

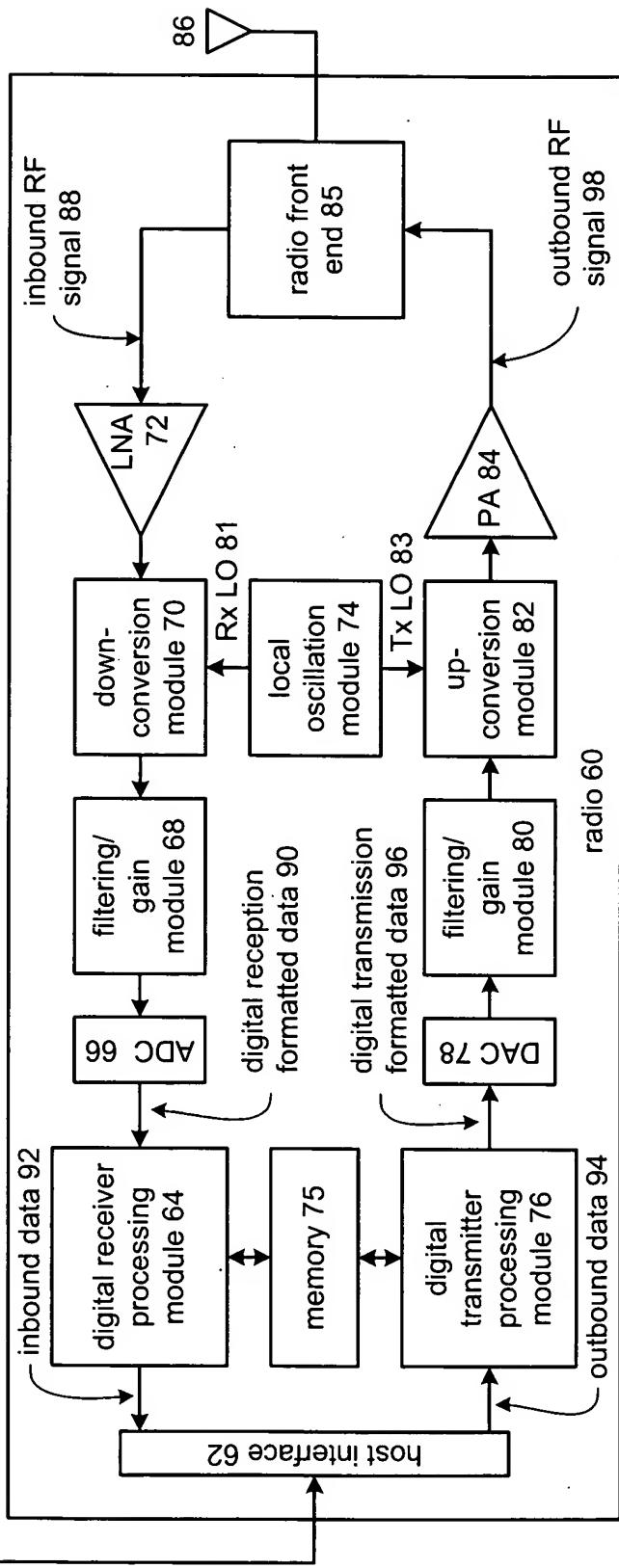
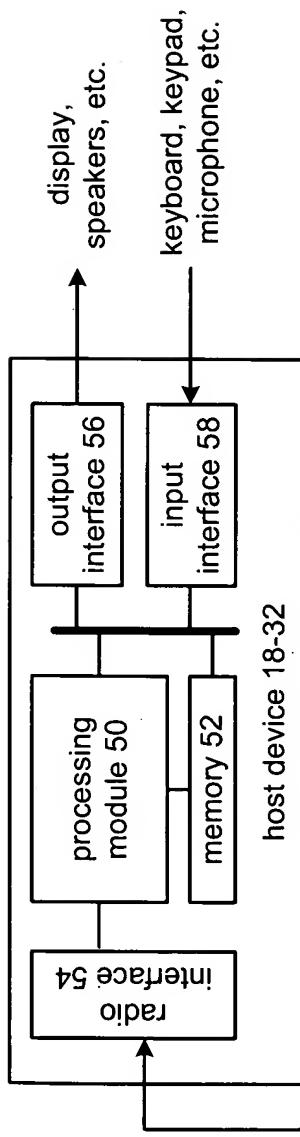


FIG.3

FIG. 5
LNA72

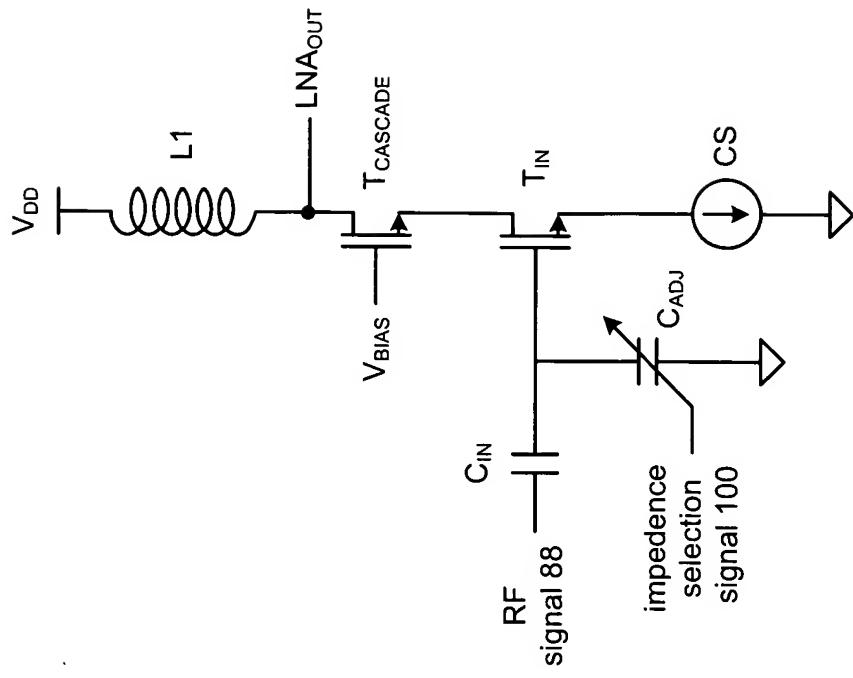
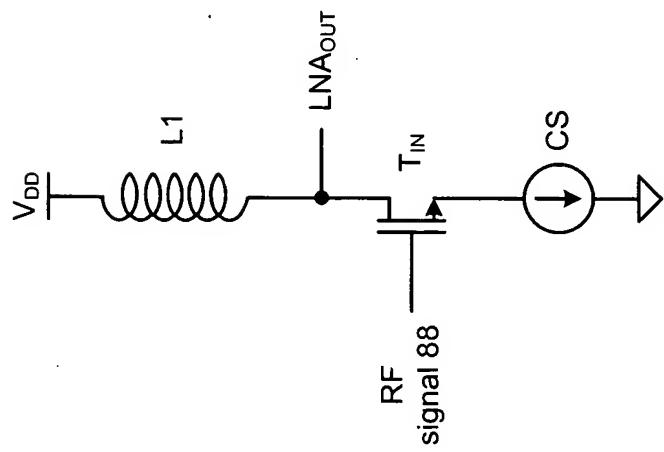


FIG. 4
LNA72



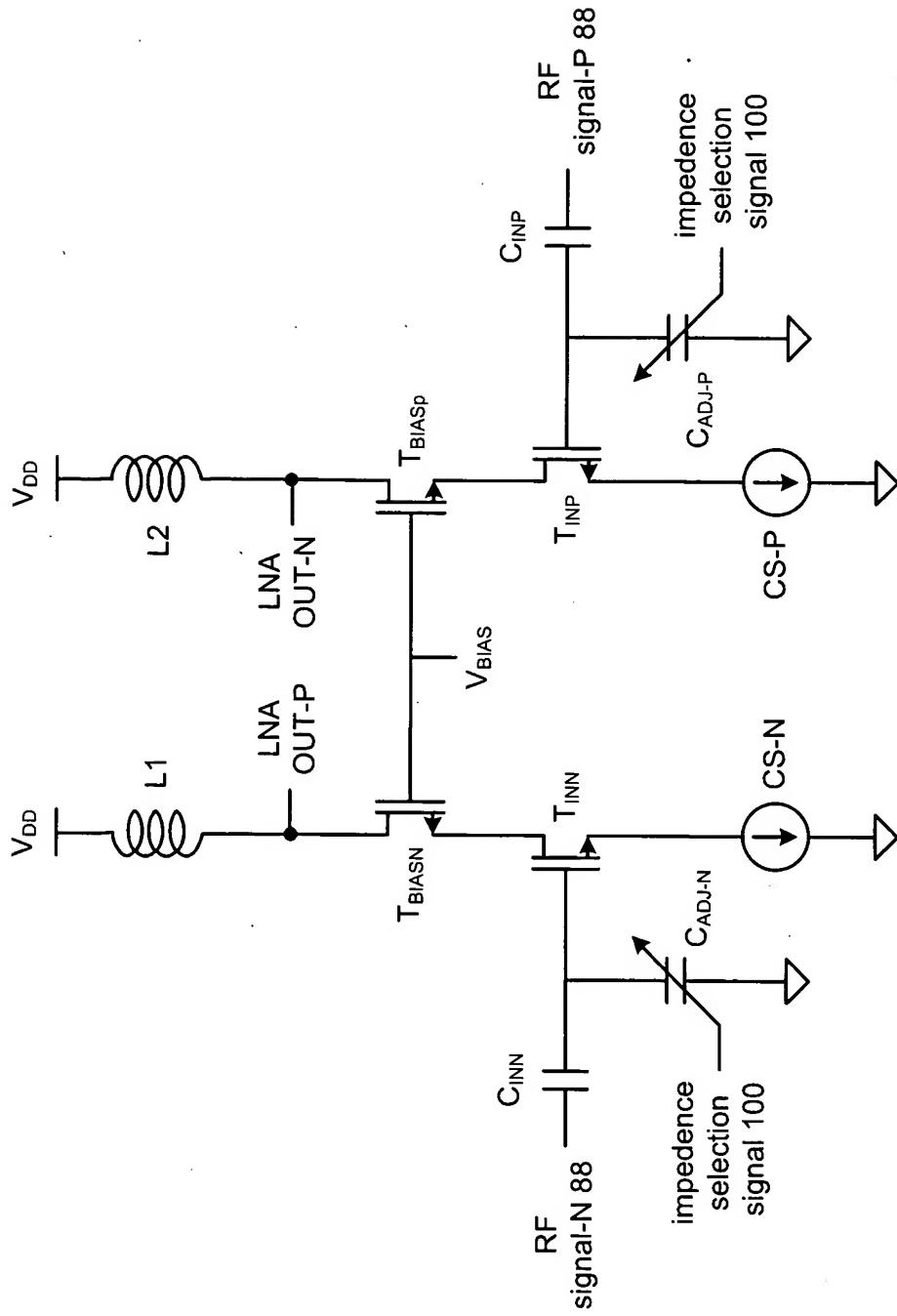


FIG. 6
LNA 72

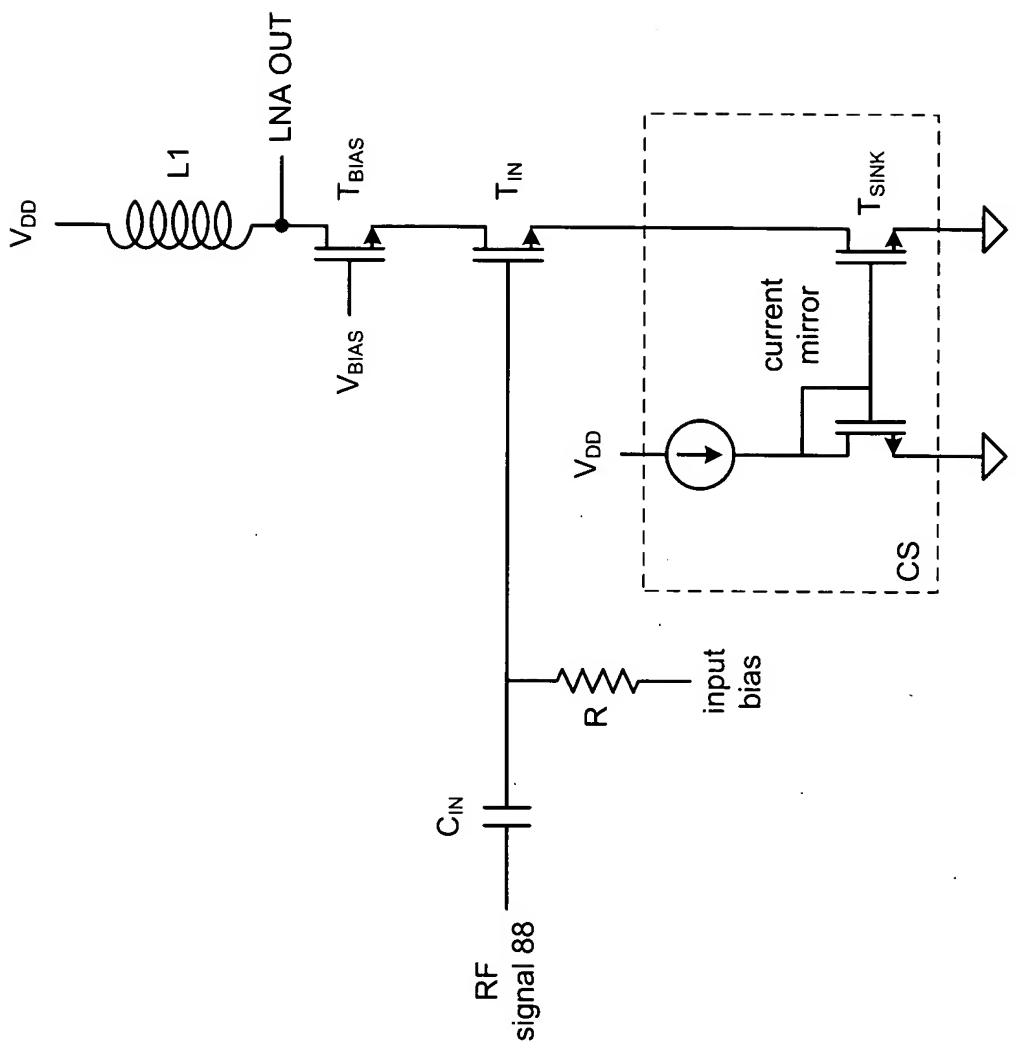


FIG. 7
LNA 72

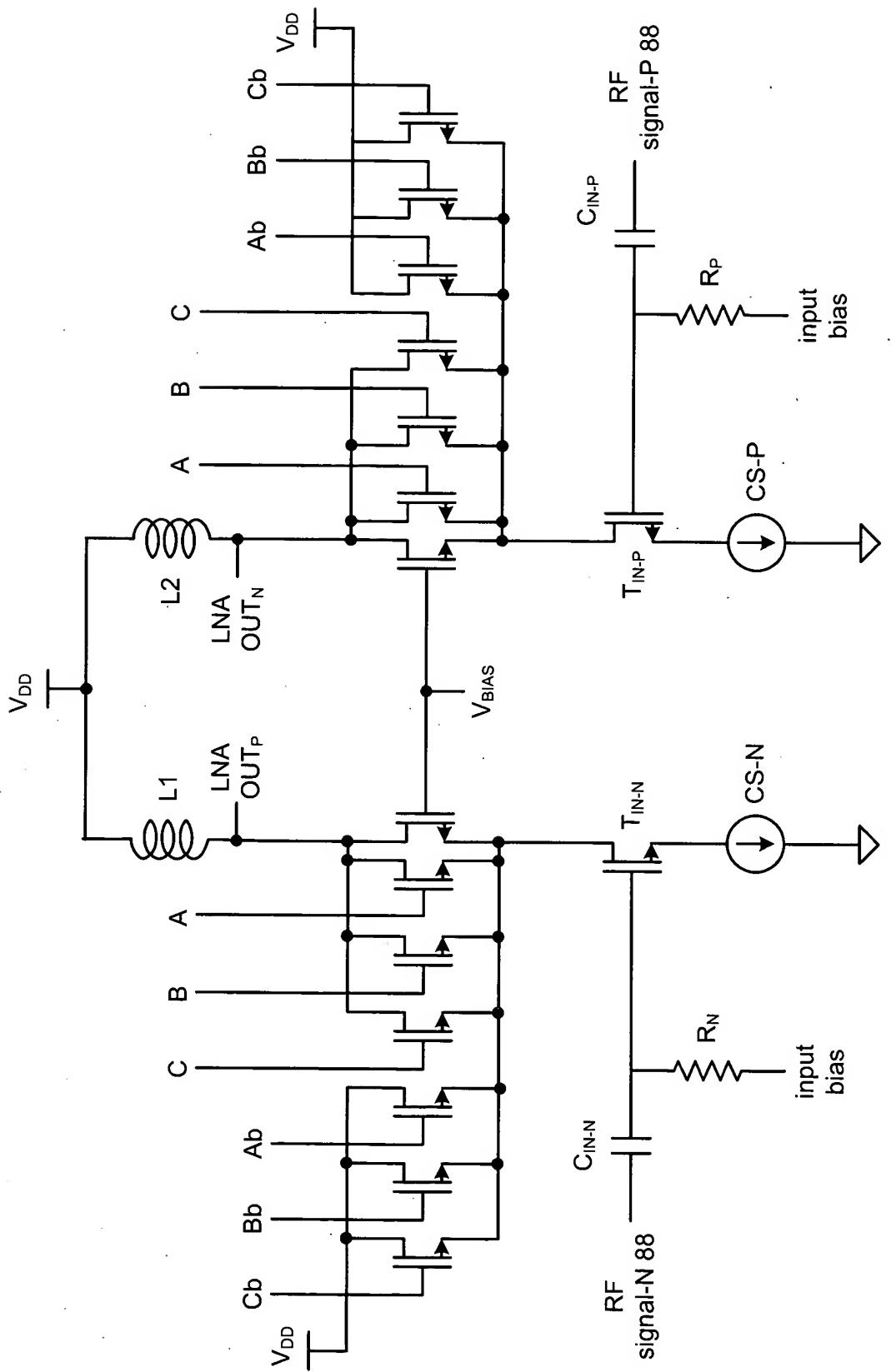


FIG. 8
LNA 72